PTO/SE/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Strute for form 1449A/PTO

# SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known					
Application Number	10/680,325				
Filing Date	OCTOBER 6, 2003				
First Named Inventor	PANCHAM, ET AL.				
Art Unit	2 <del>812-</del> 1734				
Examiner Name	UNKNOWN Y. Tadecse				
Attorney Docket Number	AMAT/8024/PPC/ECP/RKK				

			U.S. PATENT I	DOCUMENTS	
Examiner Initials *	Cite No. <sup>1</sup>	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
पा	A1	US-2004/0097071	05/24/2004	Ivanov	1
1	A2	US-2004/0094186	05/20/2004	Ivanov	
	A3	US-2004/0084143	05/06/2004	Ivanov, et al.	
$\neg \neg$	A4	US-2004/0052963	05/18/2004	Ivanov, et al.	
	A5	US-2003/0181040	09/25/2004	Ivanov, et al.	
7	A6	US-2005/0072525	04/07/2005	Pancham, et al.	
		US-			
	1	US-			
		US-	L		
		US-			

		FOREIGN PA	TENT DOCU	MENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T⁵
				···		
	<u></u> _					
Examiner Signature		Lewel F.6	Date Consid	ered 02	13/06	J

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chiel Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 14498/PTO

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/680,325					
Filing Date	OCTOBER 6, 2003					
First Named Inventor	10/680,325					
Art Unit	2 <del>812</del> 1734					
Examiner Name	UNKNOWN 4. Jadesse					
444 0 1 444 4	4444704447044444					

		NON PATENT LITERATURE DOCUMENTS	_	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	•	r²
400	C1	PCT International Search Report for PCT/US04/032879 dated April 6, 2005. (AMAT/8024PCT)		
477	C2	PCT Written Opinion for PCT/US04/032879 dated April 6, 2005. (AMAT/8024PCT)		
				9
			-	
			<u> </u>	

Signature Considered 02/13/06		(,(	Date Considered	02/13/06
-------------------------------	--	-----	--------------------	----------

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

APPARATUS TO IMPROVE WAFER TEMPERTURE UNIFORMITY FOR FACE-UP WET PROCESSING

Application Number:

10/680325

Confirmation Number:

5447

First Named Applicant:

IAN PANCHAM

Attorney Docket Number: AMAT8024CMPECPRKK

Art Unit:

2812 1734

Examiner:

UNKNOWN UNKNOWN Y. Tadesse

Search string:

( 6666949 or 6465765 or 6463938 or 6177661

or 6154369 or 6066575 or 5998240 or 5966940 or 5824599 or 5801442 or 5720818 or 4758926

or 4432635 or 20020083960 ).pn.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind Class Subclass
YI	1	6666949	2003-12-23	HILLMAN, ET AL.	
	2	6465765	2002-10-15	KATAYAMA, ET AL.	
	3	6463938	2002-10-15	BRAN	
	4	6177661	2001-01-23	LEE, ET AL.	
	5	6154369	2000-11-28	MARTINEZ, JR., ET AL.	. /
	6	6066575	2000-05-23	REARDON, ET AL.	
	7	5998240	1999-12-07	HAMILTON, ET AL.	
	8	5966940	1999-10-19	GOWER, ET AL.	. )
	9	5824599	1998-10-20	SCHACHAM-DIAMOND, ET AL.	/ /
	10	5801442	1998-09-01	HAMILTON, ET AL.	(
	11	5720818	1998-02-24	DONDE, ET AL.	
	12	4758926	1988-07-19	HERRELL, ET AL.	
Y	13	4432635	1984-02-21	MAYER, ET AL.	) .

**US Published Applications** 

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
47	1.	20020083960	2002-07-04	WIRTH, ET AL.			

# Signature

Examiner Name	Date
Pember 1.	02/13/06

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Complete if Known

Application Number 10/680,325

Filing Date OCTOBER 6, 2003

First Named Inventor PANCHAM, ET AL.

Art Unit 2812-173 F

Examiner Name UNKNOWN Y. Taol esse

(Use as many sheets as necessary)

ditute for form 1449A/PTO

Sheet 1 of 2 Attorney Docket Number AMAT/8024/PPC/ECP/RKK

-			U.S. PATENT	OCUMENTS	
Evaminer	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *	No.'	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cued Cocument	Passages or Relevant Figures Appear
YTT	A1	US-5,622,593	04/22/1997	ARASAWA, ET AL.	,
		US-			
_		US-			
		UŞ-			
		US-			
		US-	L	I	
		US-			

		FOREIGN PA	ATENT DOCU	MENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Applicant of Cited MM-DD-YYYY Document		Passages or Relevant Figures Appear	т°
711	B1	EP 1 209 251 A2	05/29/2002	FOSTER, ET AL.		
					•	

Examiner	01	Date	02/13	100
Signature	Jewin	Consider	ed 02(13	106

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

TRANCE CUDST

Sheet

PTO/SB/08b(08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Index the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Complete if Known					
Application Number 10/680,325					
Filing Date	OCTOBER 6, 2003				
First Named Inventor	PANCHAM, ET AL.				
Art Unit	2812-1734				
Examiner Name	UNKNOWN Y. Tadasse				
Attorney Docket Number	AMAT/8024/PPC/ECP/RKK				

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
YIT	C1	Partial PCT Search Report for PCT/US04/032879 dated January 11, 2005. (AMAT/8024PCT)				
·						
	ļ					

Examiner Signature	Reme	5-6	Date Considered	02/13/06

\*EXAMINER: Initial if reference considered, whether or not clauton is in combinance with MPEP 609. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance